

REMARKS/ARGUMENTS

Claims 24-36 are pending in this application, with claims 24 and 31 being the only independent claims. Claims 1-23 are canceled without prejudice or disclaimer. Reconsideration of the above-identified application, as herein amended and in view of the following remarks, is respectfully requested.

Claims 1-3, 6, 8-9, 13, 15-17, 19-20, and 22-23 stand rejected under 35 U.S.C. §102(b) as anticipated by U.S. Patent No. 4,786,897 (Takanashi).

Claims 5, 11, and 12 stand rejected under 35 U.S.C. §103 as unpatentable over Takanashi in view of U.S. Patent No. 6,933,923 (Feinstein).

Independent claims 24 and 31 correspond to previously pending claims 1 and 8. Each of the independent claims now emphasizes the differences between the present invention and Takanashi. More specifically, independent claim 24 recites “the cursor is continuously visible when the display displays any part of the virtual view”, “the virtual view is larger than a size of the display and comprises an entire spatially arranged data set in which a user of the electronic device navigates”, and “changing, in accordance with the determined relation, the location of the cursor in response to the user scrolling actions during the step of moving, wherein the cursor location provides, to a user of the electronic device, continuous navigation information for scrolling within the whole virtual view.”

That is, the present invention discloses that the cursor, which provides continuous navigation information, is continuously displayed when any part of the virtual view is displayed. Takanashi fails to disclose this feature because Takanashi does not disclose a cursor that (1) provides continuous navigation information and (2) is continuously displayed when any part of the virtual view of displayed.

According to Takanashi, a window area 5 on a logical screen 4 is displayed in a view port 2 on a physical screen 1 (see col. 1, lines 56-59; and Fig. 1A of Takanashi). An operation menu 3 with a jumpscroll-icon 3' is also shown on the screen 1 (see col. 1, lines 59-61). When a user wishes to view a different part of the virtual screen 4, the user selects the jumpscroll-icon 3' (col. 1, lines 61-65). In response to the selection of the jumpscroll-icon 3', the display screen changes to the state shown in Fig. 1B, in which a rectangle corresponding to logical screen 4 is displayed in the view port 2 with the area 5 displayed as a rectangle 7 (see col. 1, line 65 to col. 2, line 4). To move the window area 5 to a new location, the user moves rectangle 7 to a position 9 in Fig. 1C (see col. 2, lines 4-9). When the operation menu is selected in the state of Fig. 1C, i.e., with the rectangle 7 moved to position 9, a new window area 5' of logical screen 4, which corresponds to position 9, is displayed in the view port 2 of the screen 1.

Thus, the logical screen 4 of Takanashi corresponds to the claimed virtual view, the window area 5 of Takanashi is a part of the logical screen 4, and the rectangle 7 corresponds to the claimed cursor because the rectangle indicates a location of window area 5 within the logical screen 4. However, rectangle 7 is not continuously visible, as evidenced in Figs. 1A and 1D Takanashi.

Since the rectangle 7 is not continuously visible, Takanashi can not be considered to disclose "the cursor is continuously visible when the display displays any part of the virtual view" and "wherein the cursor location provides, to a user of the electronic device, continuous navigation information for scrolling within the whole virtual view", as expressly recited in independent claim 24.

Independent claim 31 includes limitations similar to those of independent claim 24 and should be allowable for the same reasons.

Dependent claims 25-30 and 32-36 are allowable for the same reasons as are independent claims 24 and 31, as well as for the additional recitations contained therein.

The application is now deemed to be in condition for allowance and notice to that effect is solicited.

It is believed that no additional fees or charges are required at this time in connection with the present application. However, if any additional fees or charges are required at this time, they may be charged to our Patent and Trademark Office Deposit Account No. 03-2412.

Respectfully submitted,
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